

# DART SERVICE INSTRUCTION

TO AMEND INSTALLATION INSTRUCTIONS IIN-D350-794 REV. F OR EARLIER AND  
INSTRUCTIONS FOR CONTINUED AIRWORTHINESS ICA-D350-794 REV. 6 OR EARLIER

REF. TCCA STC: SH05-4  
REF. EASA STC: 10031514  
REF. BRAZIL STC: 2002S09-07/-08  
REF. AUSTRALIAN STC: ASR063SY  
REF. FAA STC: SR02794NY

## PURPOSE:

TO PROVIDE INSTRUCTIONS THAT ALLOW INSTALLATION OF D4968-3 NEOPRENE CUSHION TO  
PREVENT THE D4464-041 AUX. FUEL TANK FROM CHAFING IN SERVICE.

## CHANGE:

CUSTOMERS/OPERATORS WITH D350-794-111 KITS AT CHG 003 AND EARLIER, D350-794-141 AT CHG  
001, AND D130-794-121 AT CHANGE 003 AND EARLIER CAN PROCURE DSI-9672-011 KIT FROM DART  
TO UPGRADE THEIR KITS WITH THE NEOPRENE CUSHION.

## PARTS LIST:

QTY -011	PART NUMBER	DESCRIPTION
X	DSI-9672-011	CUSHION INSTALLATION
1	D4968-3	CUSHION, SIDE

## INSTALLATION:

REMOVE THE D4404-3/-5 CUSHIONS AS INDICATED IN FIGURE 1 OF THIS SERVICE INSTRUCTION,  
CLEAN RESIDUAL ADHESIVE OFF OF TANK SURFACE USING AN APPROVED SOLVENT SUCH AS  
TOLUENE.

INSTALL THE D4968-3 CUSHION IN ACCORDANCE WITH FIGURE 1 OF THIS SERVICE INSTRUCTION.  
APPLY A THIN, UNIFORM LAYER OF CONTACT CEMENT (3M 1300/1301 SCOTCHGRIP ADHESIVE OR  
EQUIVALENT) TO THE BACK OF THE NEOPRENE CUSHION, THEN FIRMLY PRESS IT INTO POSITION  
ON THE TANK.

NOTE: TRIM TO FIT IF REQUIRED.

## WEIGHT AND BALANCE:

THE FOLLOWING TABLE LISTS THE NEW WEIGHT AND BALANCE OF THE -111/-121 KITS AFTER DSI-  
9672-011 KIT HAS BEEN INSTALLED.



INSTALLATION	WEIGHT	LATERAL		LONGITUDINAL	
		ARM	MOMENT	ARM	MOMENT
D350-794-111 AUXILIARY FUEL TANK (WITH DSI 9672 INCORPORATED) (AS350 MODELS)	34.2 lb 15.5 kg	-22.0 in -0.56 m	-752.4 in-lb -8.7 m-kG	126.0 in 3.20 m	4309.2 in-lb 49.6 m-kG
D130-794-121 AUXILIARY FUEL TANK (WITH DSI 9672 INCORPORATED) (EC130 MODELS)	34.2 lb 15.5 kg	-23.6 in -0.60 m	-807.1 in-lb -9.3 m-kG	126.0 in 3.20 m	4309.2 in-lb 49.6 m-kG

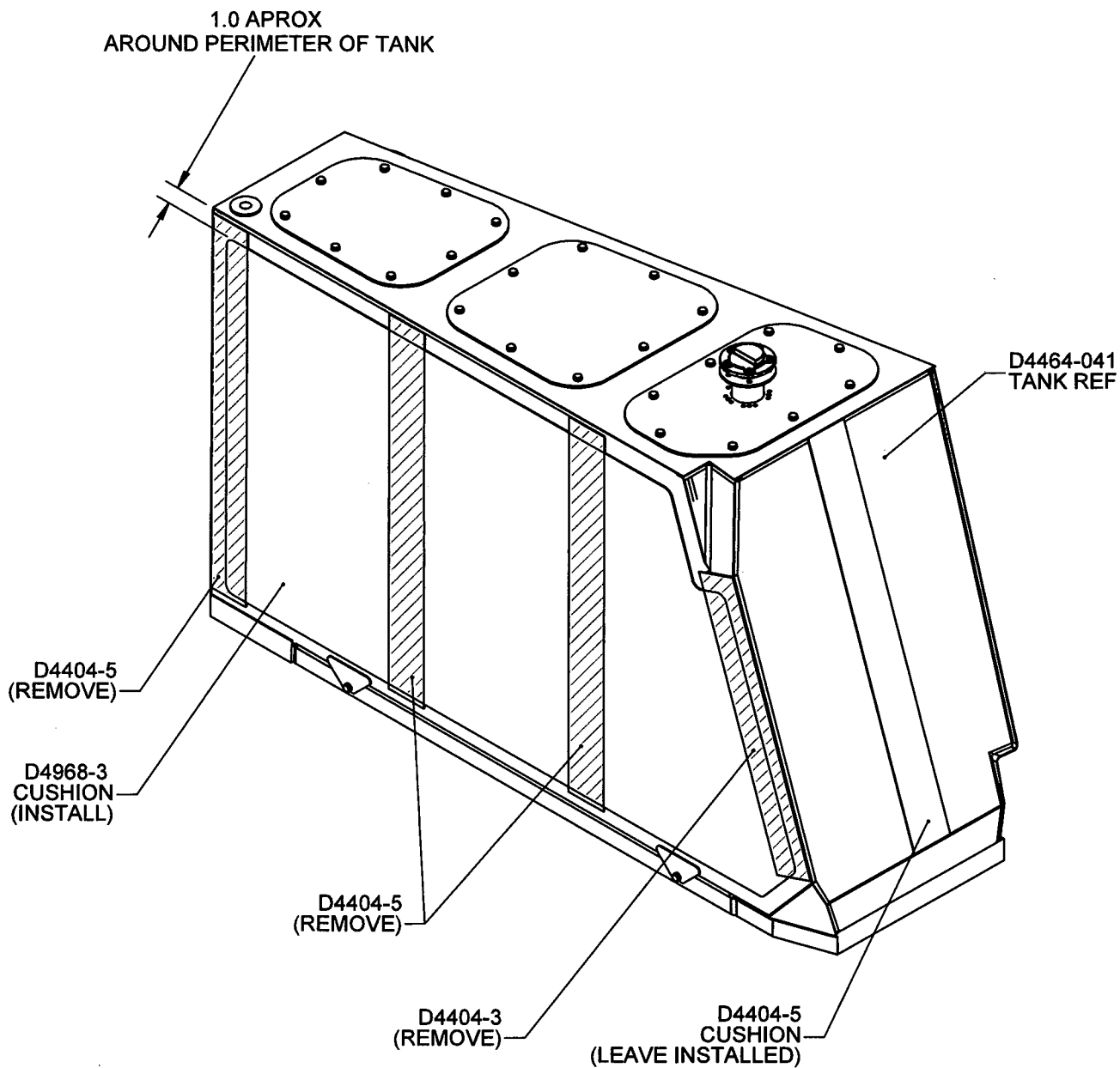
CANADA  
DEPARTMENT OF TRANSPORT  
AIRCRAFT CERTIFICATION  
BRANCH  
DAO # 01-O-01

APPROVED

BY:   
D. SHEPHERD (DE # 02)

DATE: 13.11.05  
CERT. NO.: SH05-4  
ISSUE NO.: 3

A	NEW ISSUE	ML	13.11.04
REV.	DESCRIPTION	BY	DATE
DESIGN	ML	<b>DART AEROSPACE LTD</b> HAWKESBURY, ONTARIO, CANADA	
DRAWN	ML		
CHECKED		DRAWING NO.	REV. A
MFG. APPR.	N/A	DSI 9672	SHEET 1 OF 2
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NOTE: ALIGN D4968-3 WITH APROXIMATELY 1.0" GAP AROUND EDGE OF TANK, TRIM IF REQUIRED

**FIGURE 1 - CUSHION INSTALLATION**

CANADA  
DEPARTMENT OF TRANSPORT  
AIRCRAFT CERTIFICATION  
BRANCH  
DAO # 01-O-01

**APPROVED**

BY: *[Signature]*  
D. SHEPHERD (DE # 02)

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